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APR 25 2008

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## FACSIMILE

From: Dana E. Stano  
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TO:	Commissioner for Patents	COMPANY:	U.S. Patent and Trademark Office
FAX:	571-273-8300	PAGES:	23 (including cover)
PHONE:		DATE:	April 25, 2008
RE:	U.S. Patent Application No. 09/989,898	ATTORNEY DOCKET/REF. NO.	R029 1559/JS
		ACCOUNTING NO.	38400.0172.2

☐ Urgent      ☐ For Review      ☐ Please Comment      ☐ Please Reply      ☐ Please Recycle

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*Please call the following number if the message you receive is incomplete or not legible: 404-879-2412*

In re application of: Laurence M.C. Lai  
Application No.: 09/989,898  
Filed: November 19, 2001

## OFFICIAL

For: Manufacture Having Double Sided Features In A Metal Containing Web And Manufacture And  
Method For Forming Same In A Liquid-Based Etch Process

Attached in connection with the above-identified patent application are the following:

- (1) Transmittal Form;
- (2) Fee Transmittal; and
- (3) Response to Office Action.

1201 West Peachtree Street, Suite 3500 Atlanta, GA 30309-3574 Telephone (404) 872-7000 Fax: (404) 888-7490

WCSR 3600795v1

APR 25 2008

PTO/SB/21 (09-04)


Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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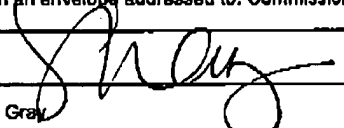
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/889,898	
	Filing Date	November 19, 2001	
	First Named Inventor	Laurence M.C. Lai	
	Art Unit	1785	
	Examiner Name	Alanko, Anita Karen	
Total Number of Pages in This Submission	22	Attorney Docket Number	R029 1559/US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Pending claims for Japanese Patent Application No. 2003-545417; and Notice of Reasons for Rejection from Japanese Patent Office.
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature			
Printed name	Dana E. Stano		
Date	April 25, 2008	Reg. No.	50,750

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Sheila M. Gray	Date	April 25, 2008

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 25 2008

PTO/SB/17 (10-07)

Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2008**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$0.00

**Complete if Known**

Application Number	09/989,898
Filing Date	November 19 2001
First Named Inventor	Laurence M.C. Lai
Examiner Name	Alanko, Anita Karen
Art Unit	1765
Attorney Docket No.	R029 1559/U-3

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 09-0528 Deposit Account Name: Wornble Carlyle et al.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)

Small Entity Fee (\$)

50

25

Each independent claim over 3 (including Reissues)

210

105

Multiple dependent claims

370

185

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
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- 20 or HP =	x	=	
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HP = highest number of total claims paid for, if greater than 20.

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
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- 3 or HP =	x	=	
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HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
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- 100 =	/ 50 =	(round up to a whole number) x	=	
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**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge):

**SUBMITTED BY**

Signature

*Dana E. Stano*Registration No.  
(Attorney/Agent) 50,750

Telephone (404) 879-2437

Name (Print/Type) Dana E. Stano

Date: April 25, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Laurence M.C. Lai Confirmation No.: 1341  
Application No.: 09/989,898 Art Unit: 1765  
Filed: November 19, 2001 Examiner: Alanko, Anita Karen

For: **MANUFACTURE HAVING DOUBLE SIDED FEATURES IN A METAL  
CONTAINING WEB AND MANUFACTURE AND METHOD FOR  
FORMING SAME IN A LIQUID-BASED ETCH PROCESS**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

This paper is being submitted in response to the Office Action mailed on April 17, 2008.

Interview Summary is on page 2 of this paper.

Listing of Claims begins on page 3 of this paper.

Conclusion is on page 13 of this paper.

**CERTIFICATE OF TRANSMISSION/MAILING**

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4/25/08  
Date

Sheila M. Gray

Response to Office Action mailed April 17, 2008  
U.S. Patent Application No. 09/989,898  
Page 2 of 13

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APR 25 2008

### INTERVIEW SUMMARY

The undersigned would like to thank Examiner Alanko for her helpful comments and suggestions during the telephonic interview conducted on April 24, 2008.

Pursuant to 37 C.F.R. §1.133(b), the following is submitted as a complete written statement of the reasons presented at the interview as warranting favorable action. This statement is intended to comply with the requirements of MPEP §713.04 and expressly sets forth: (A) a brief description of the nature any exhibit shown or any demonstration conducted; (B) identification of the claims discussed; (C) identification of specific prior art discussed; (D) identification of the principal proposed amendments of a substantive nature discussed; (E) the general thrust of the principal arguments; and (F) a general indication of any other pertinent matters; and (G) the general results or outcome of the interview, if appropriate.

- (A) No exhibits were shown and no demonstrations were conducted.
- (B) The pending claims were discussed generally.
- (C) No references were discussed.
- (D) No proposed amendments were discussed.
- (E) No arguments were made.
- (F) The Office Action mailed on April 17, 2008 was discussed. It was also requested that the pending claims be resubmitted due to a USPTO scanning error.
- (G) It was agreed that the following enclosed documents would be submitted for Examiner Alanko's consideration:

1. a copy of the translation of the Japanese Office Action in which  
Japanese Patent Application Laid-Open (JP-A) No. 9-331596;  
Japanese Patent Application Laid-Open (JP-A) No. 47-13474;  
Japanese Patent Application Laid-Open (JP-A) No. 52-89911; and  
Japanese Patent Application Laid-Open (JP-A) No. 11-88982  
were originally cited (and subsequently submitted to the USPTO in the IDS on January 9, 2008); and
2. a listing of the claims pending in Japanese Patent Application No. 2003-545417 at the time the Japanese Office Action was issued.